

# 2015-2017 Ryan White Cross Parts Quality Measures and the National HIV/AIDS Strategy

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2-21-2018  
QMAC Meeting

# Base Definitions

## Care Marker

- CD4 count or viral load lab test, HIV medical care visit, or ART prescription

## Evidence of Care

- One care marker within a 12 month time period

## Linkage

- Linked to HIV care within 30 days of diagnosis

## Retention

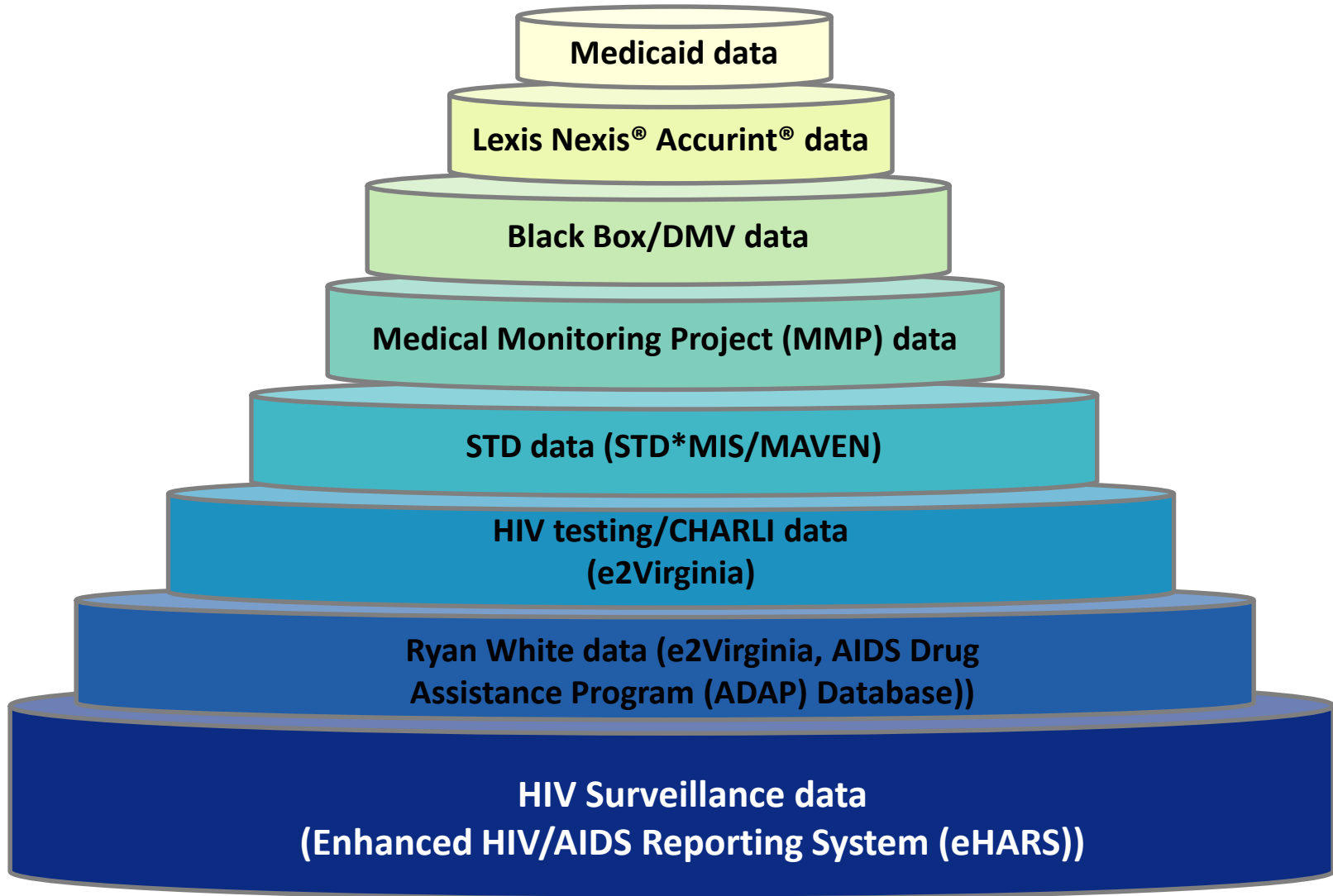
- Two care markers in a 12 month period at least 3 months apart

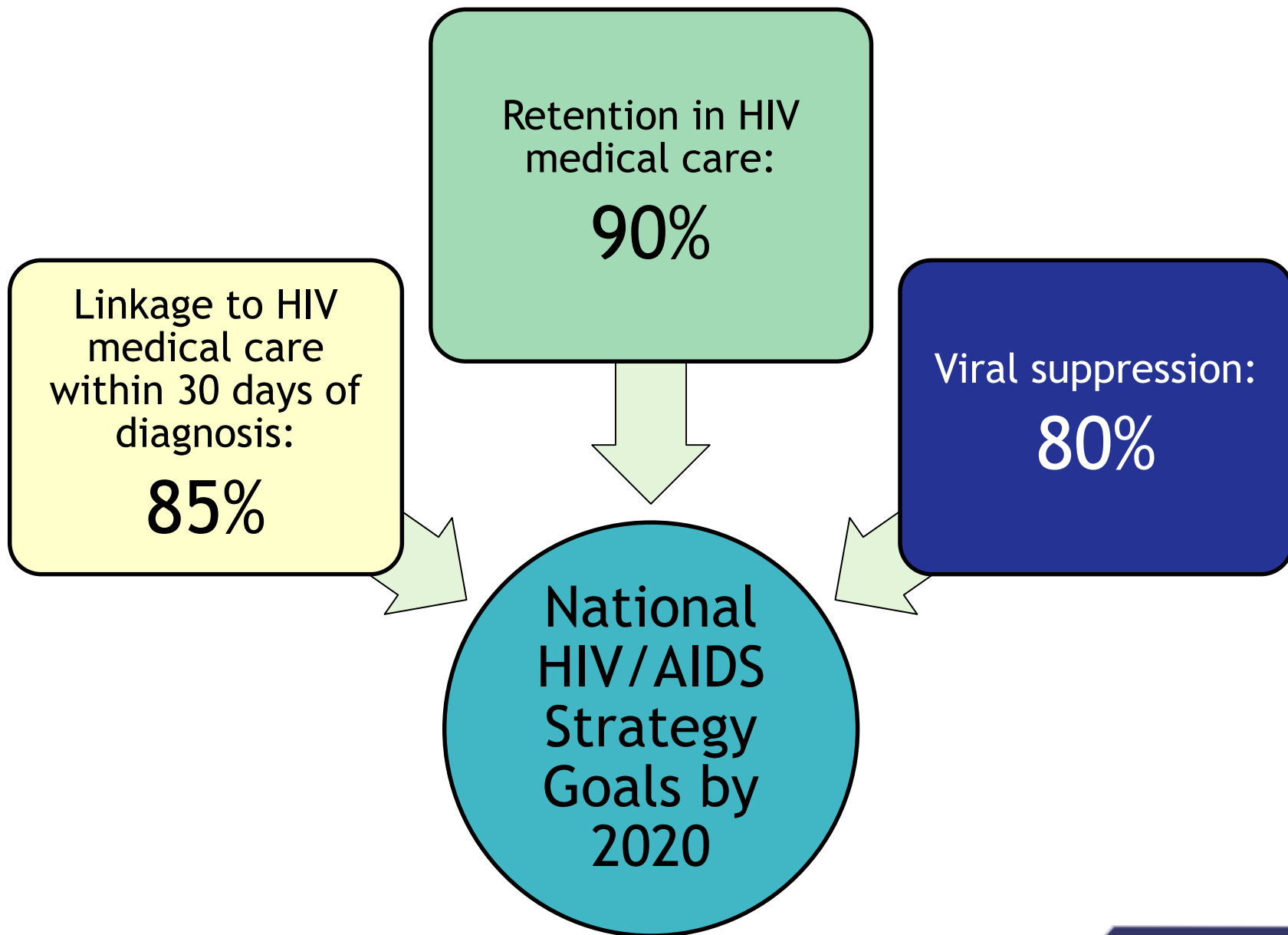
## Viral Suppression

- Last viral load in 12 month period that is < 200 copies/mL

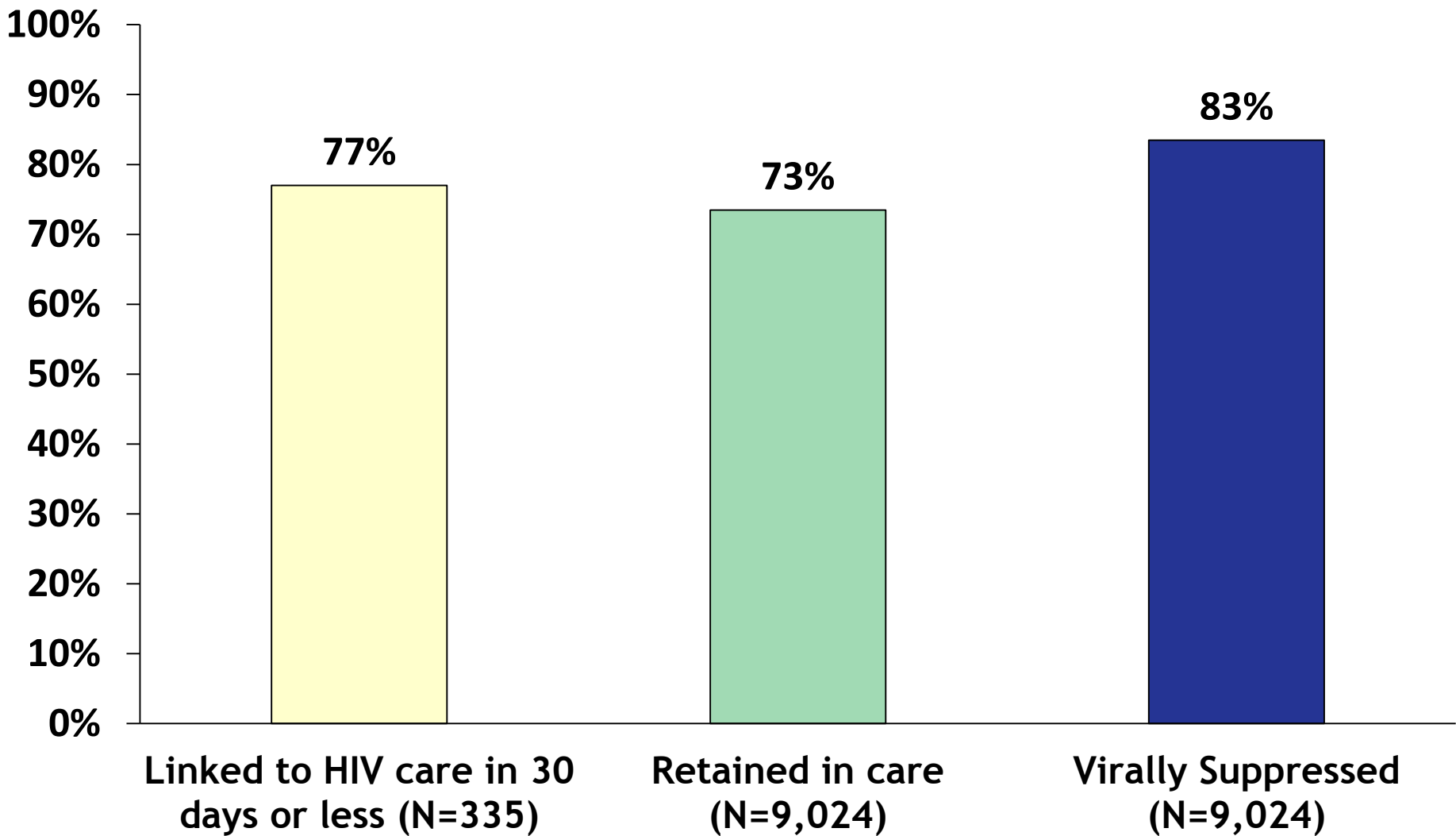
# Care Markers Database: DDP Data Integration

As of January 2018:  
9 data sources





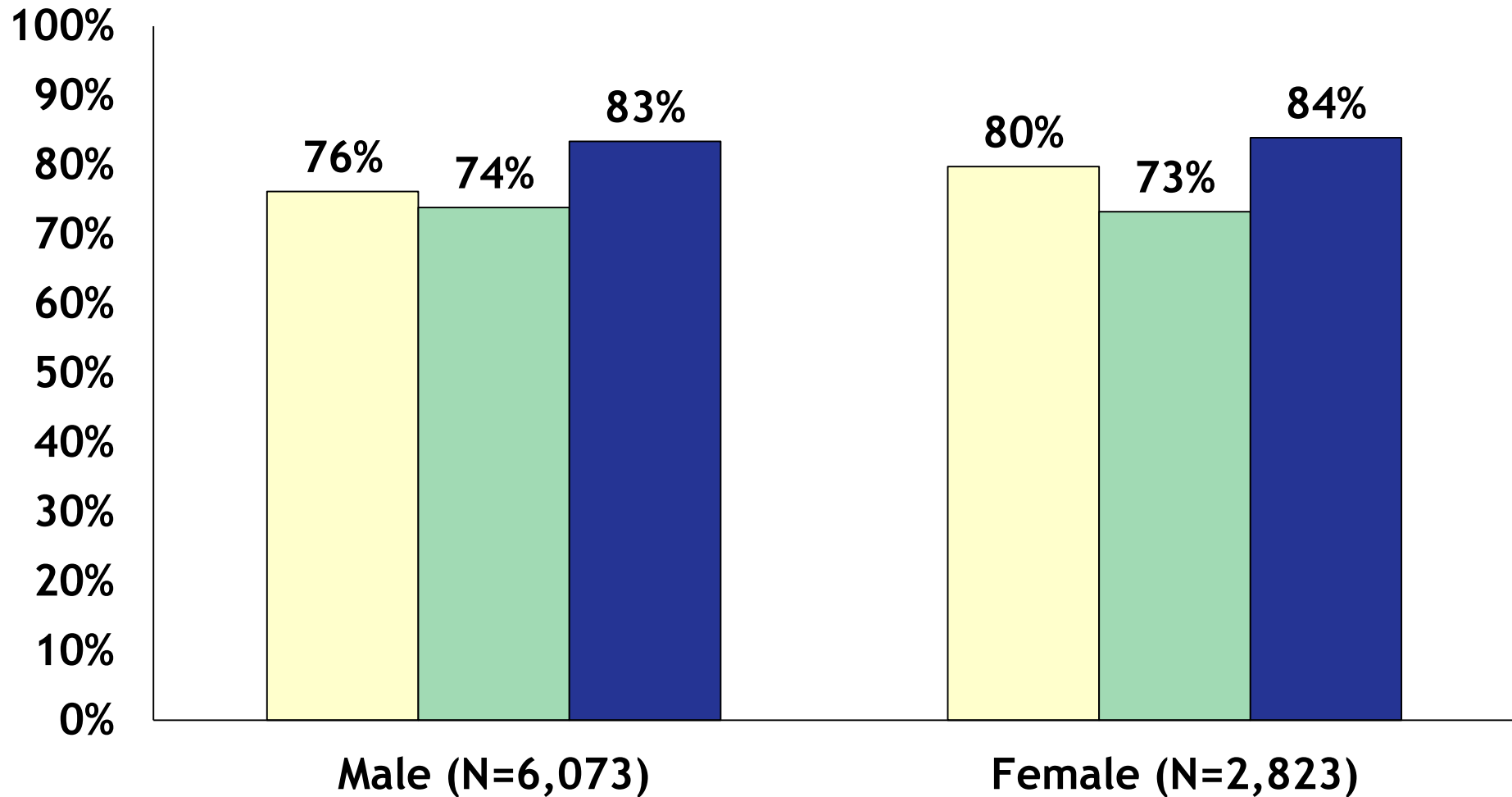
# Performance Measure Outcomes Among all Virginia Ryan White Clients Served in Calendar Year (CY) 2017 (n=8,808)



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2017 and accessed February 1<sup>st</sup>, 2018

# Performance Measure Outcomes Among all Virginia Ryan White Clients Served in CY 2017 (n=9,024), by Gender

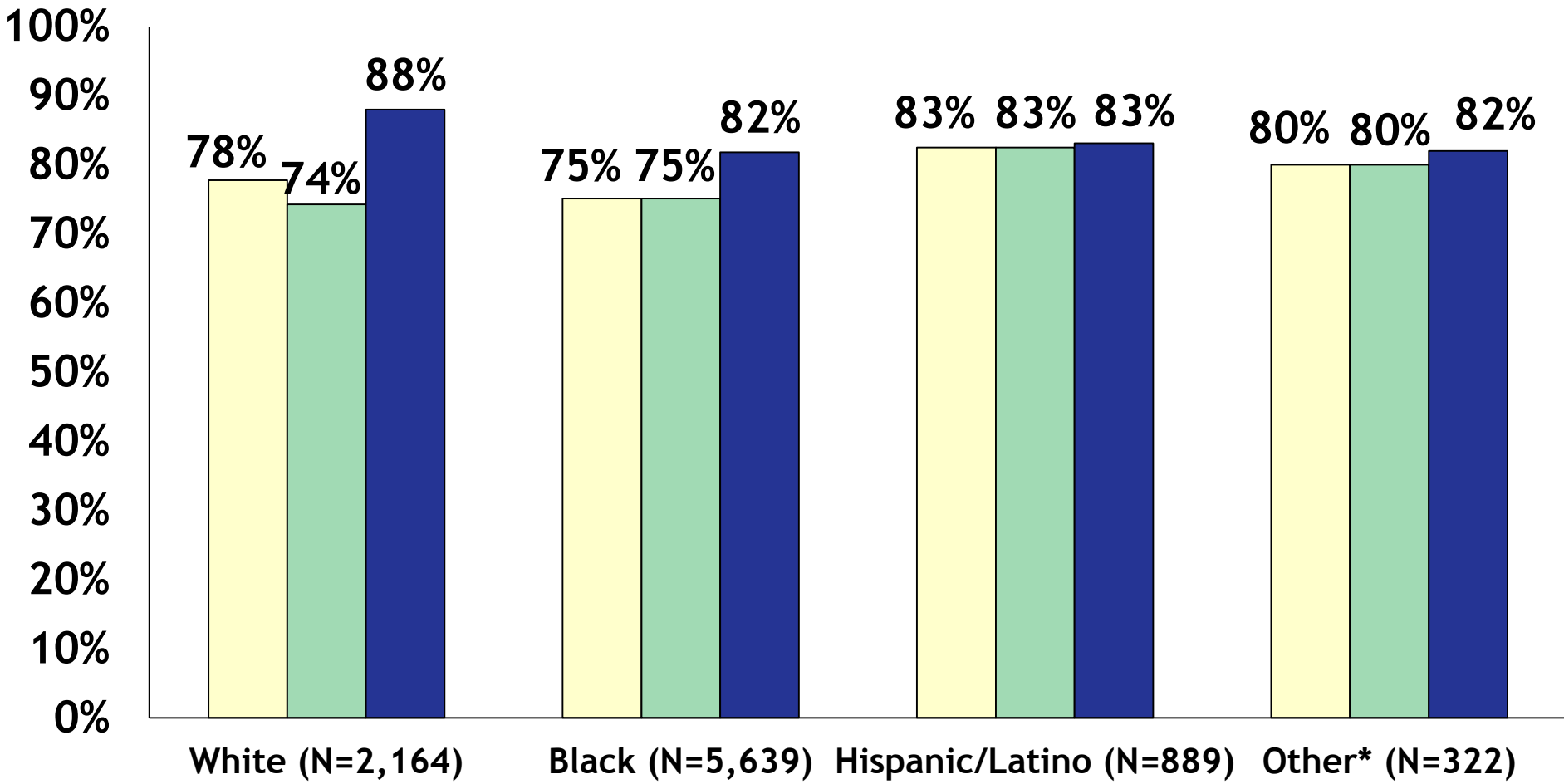
■ Linkage to HIV Care in 30 days or less   ■ Retention   ■ Viral Suppression



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2017 and accessed February 1<sup>st</sup>, 2018

# Performance Measure Outcomes Among all Virginia Ryan White Clients Served in CY 2017 (n=9,024), by Race/Ethnicity

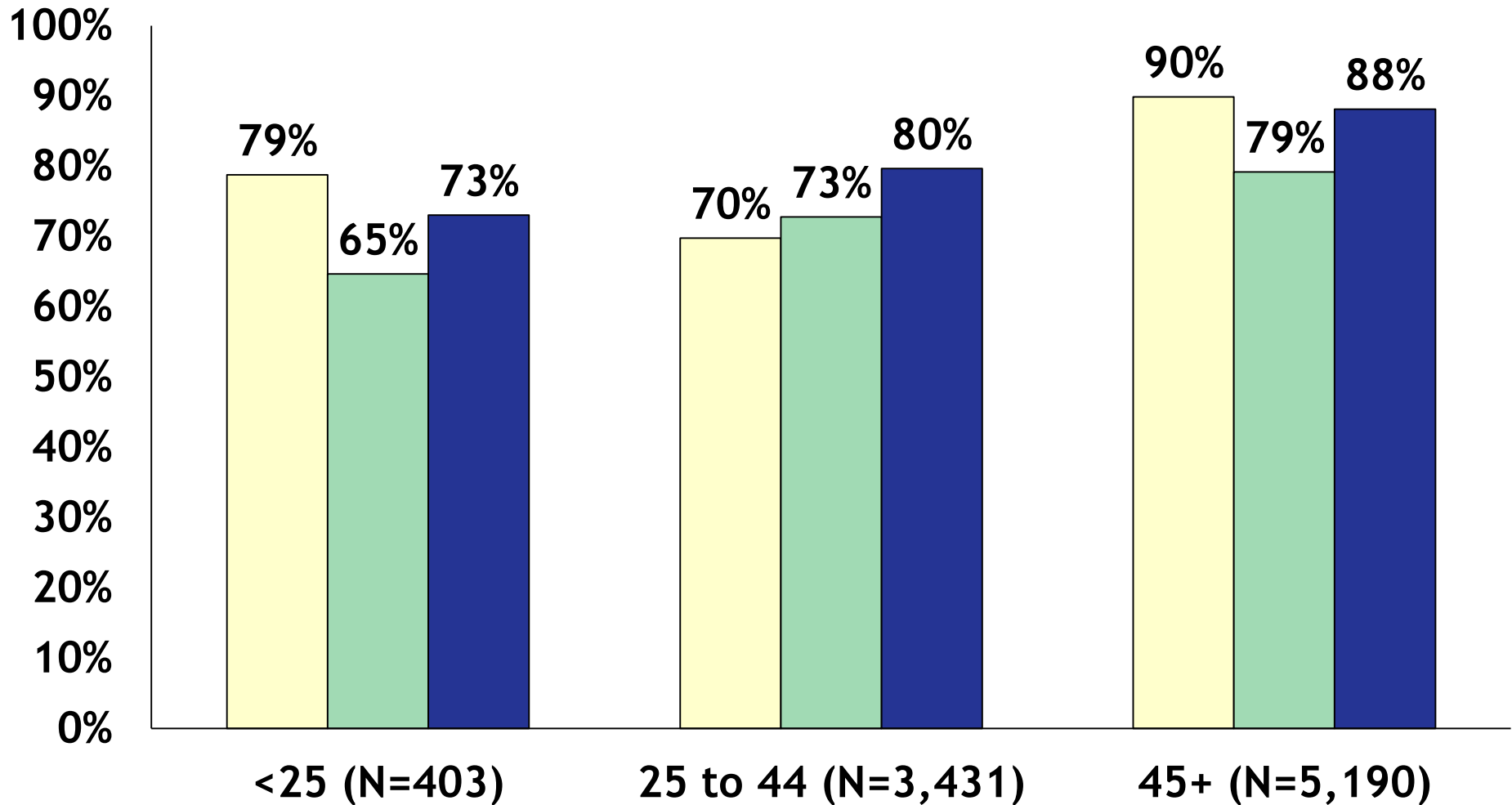
Linkage to HIV Care    Retention    Viral Suppression



\*Other includes Asian, Pacific Islander, Native American, Native Hawaiian, Alaskan Native and Multi-race  
Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2017 and accessed February 1<sup>st</sup>, 2018

# Performance Measure Outcomes Among all Virginia Ryan White Clients Served in CY 2017 (n=9,024), by Current Age

■ Linkage to HIV Care in 30 days or less   ■ Retention   ■ Viral Suppression

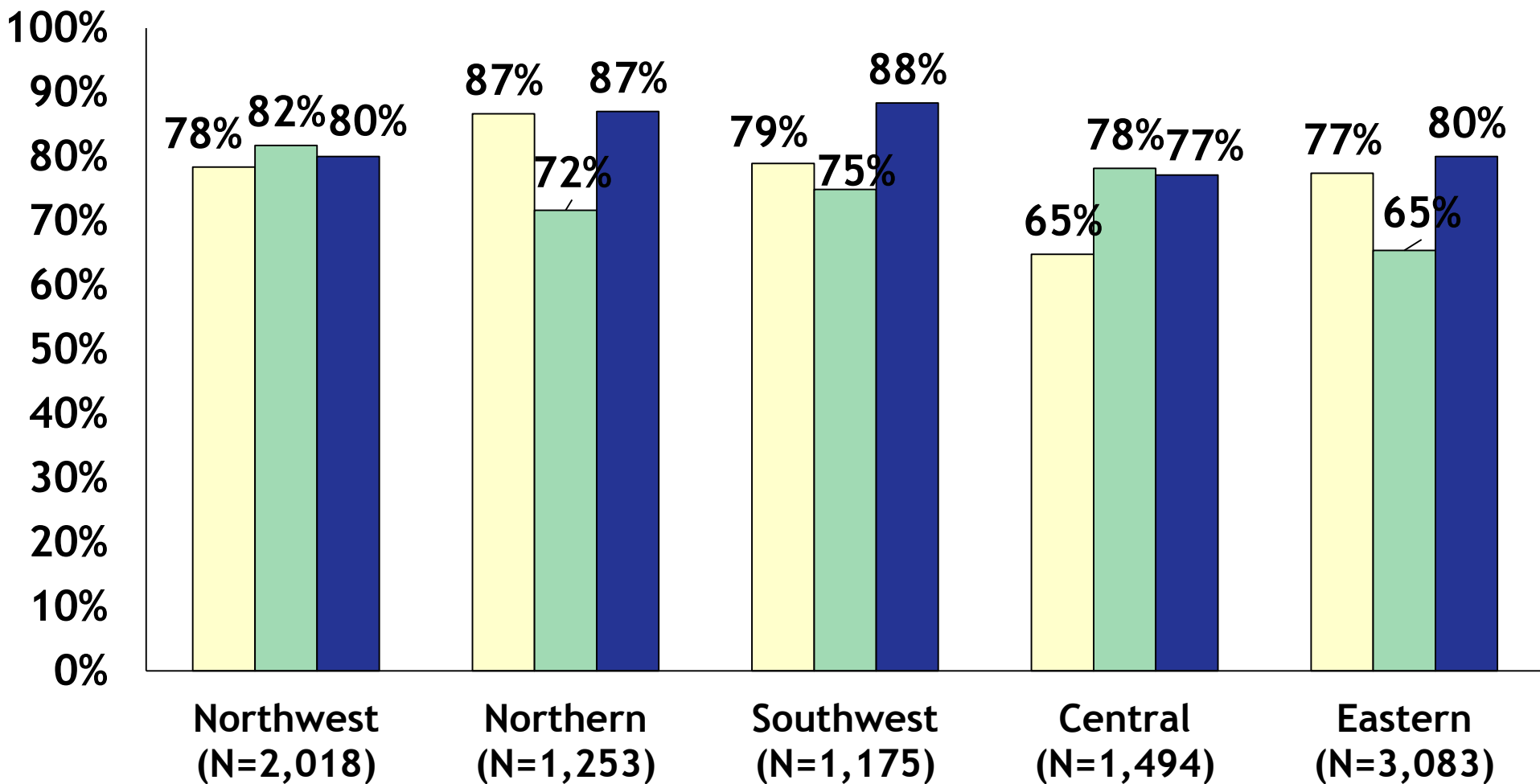


Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2017 and accessed February 1<sup>st</sup>, 2018.  
Current age is as of December 31, 2017.



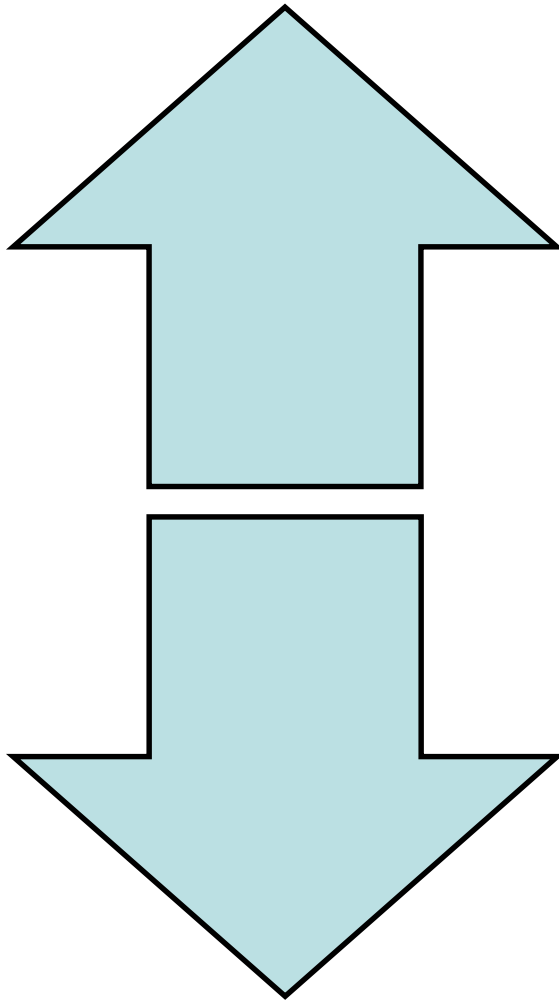
# Performance Measure Outcomes Among all Virginia Ryan White Clients Served in CY 2017 (n=8,808), by Region

■ Linked to Care in less than 30 days    ■ Retained in Care    ■ Virally Suppressed



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Linkage



Those newly diagnosed with HIV in

- CY 2015
- CY 2016
- CY 2017

who had a care marker within 30 days of diagnosis date

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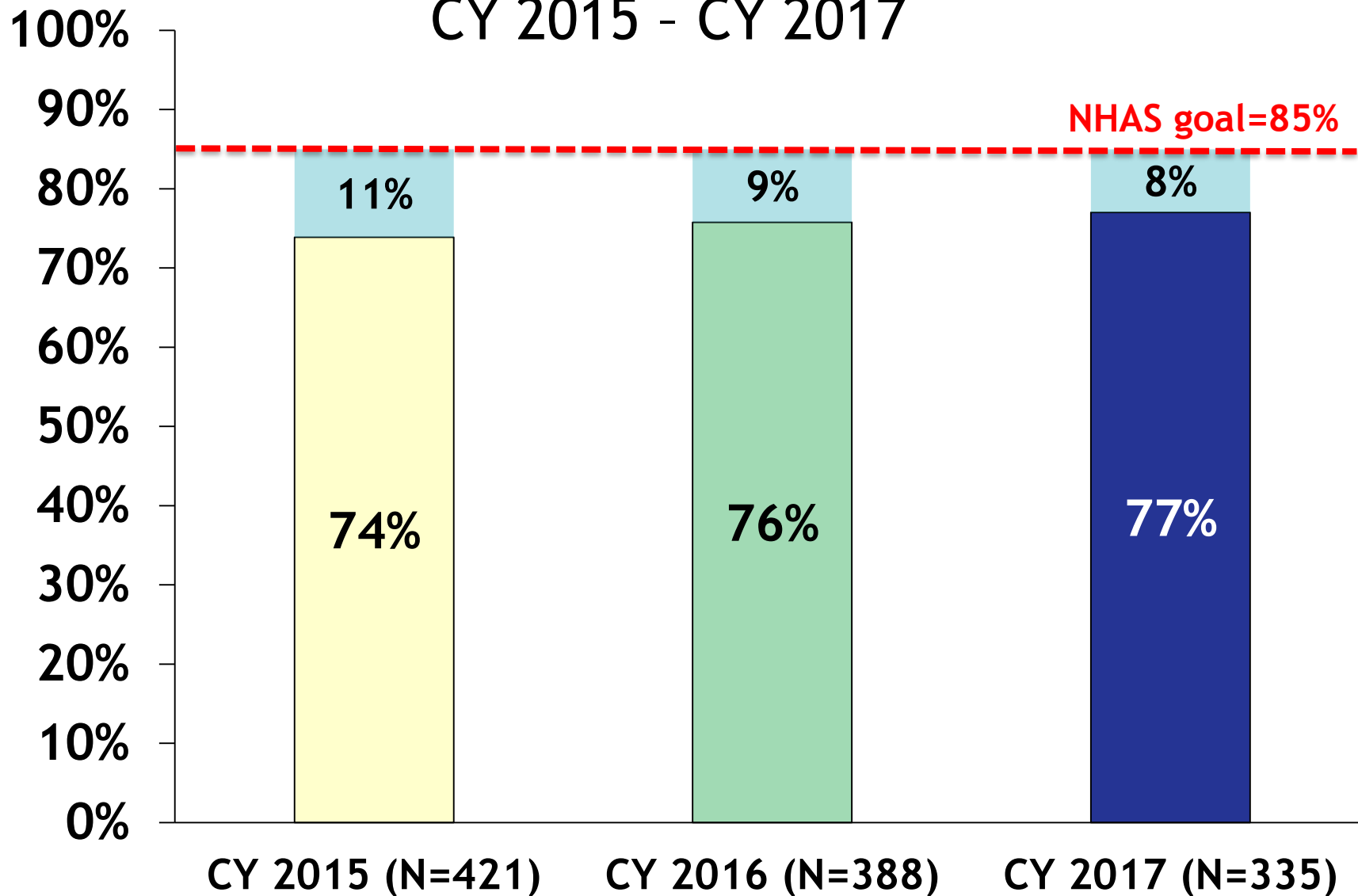
Those newly diagnosed with HIV in

- CY 2015
- CY 2016
- CY 2017

who received a Ryan White service in the same timeframe

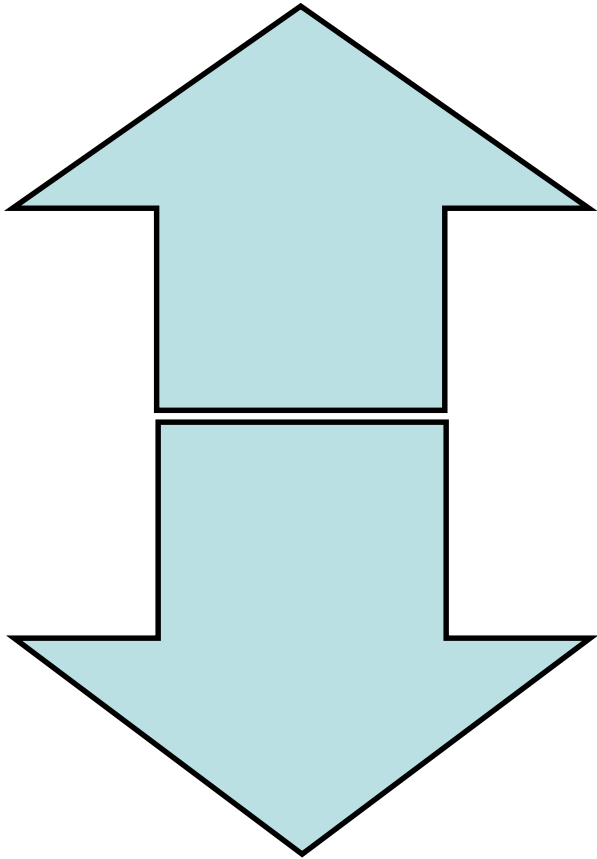
Ineligible: Those not newly diagnosed in the timeframe

# Linkage in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Retention: 12 months



Those who received a Ryan White service in

- CY 2015
- CY 2016
- CY 2017

who had at least two care markers in CY 2015, CY 2016 or CY 2017 that were at least 90 days apart

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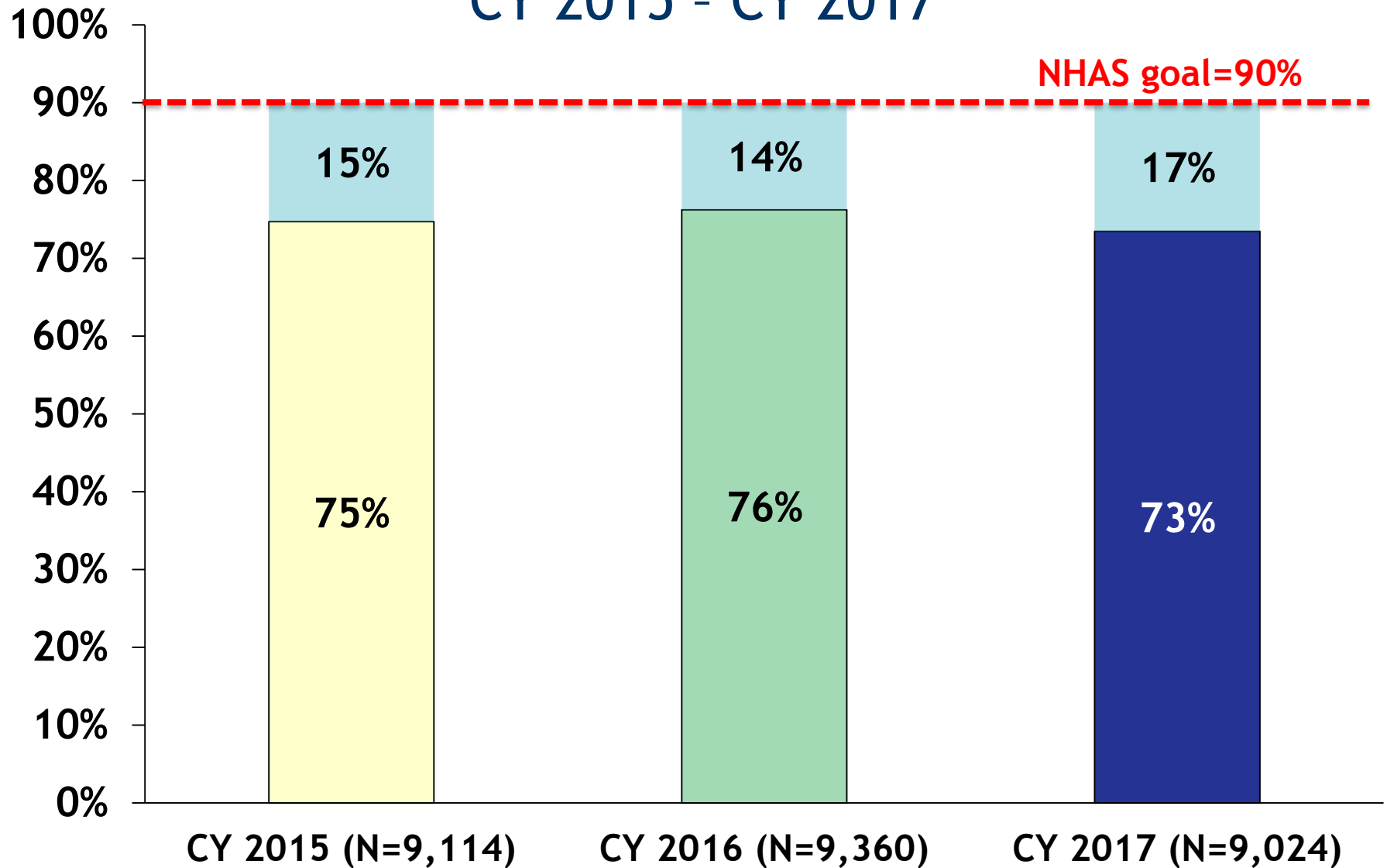
Those who received a Ryan White service in

- CY 2015
- CY 2016
- CY 2017

who had at least one care marker in CY 2015, CY 2016 or CY 2017 that were at least 90 days apart

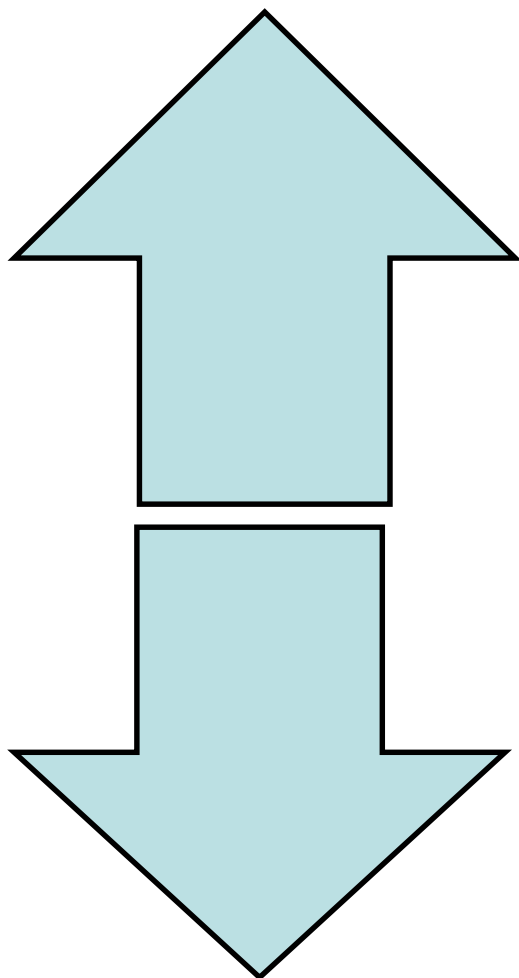
Ineligible: Those without a care marker in CY 2015, CY 2016 or CY 2017

# Retention in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018.  
Data is preliminary for 2017

# Viral Suppression



Those who received a Ryan White service in

- CY 2015
- CY 2016
- CY 2017

whose last viral load in CY 2015, CY 2016 or CY 2017 was less than 200 copies/mL

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Persons served by Ryan White in

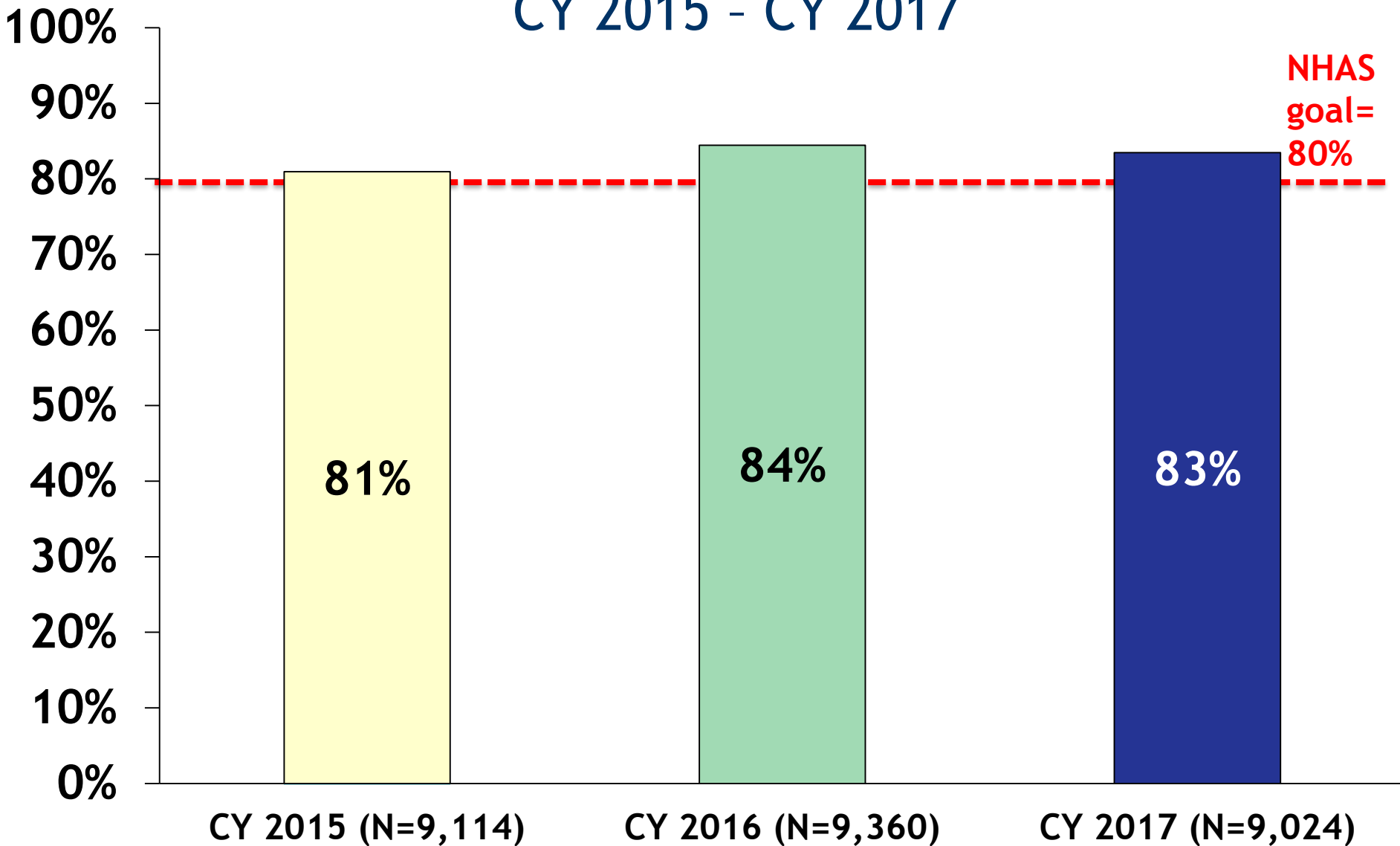
- CY 2015
- CY 2016
- CY 2017

who had a care marker in CY 2015, CY 2016 or CY 2017

Ineligible: Those without a care marker in CY 2015, CY2016 or CY 2017

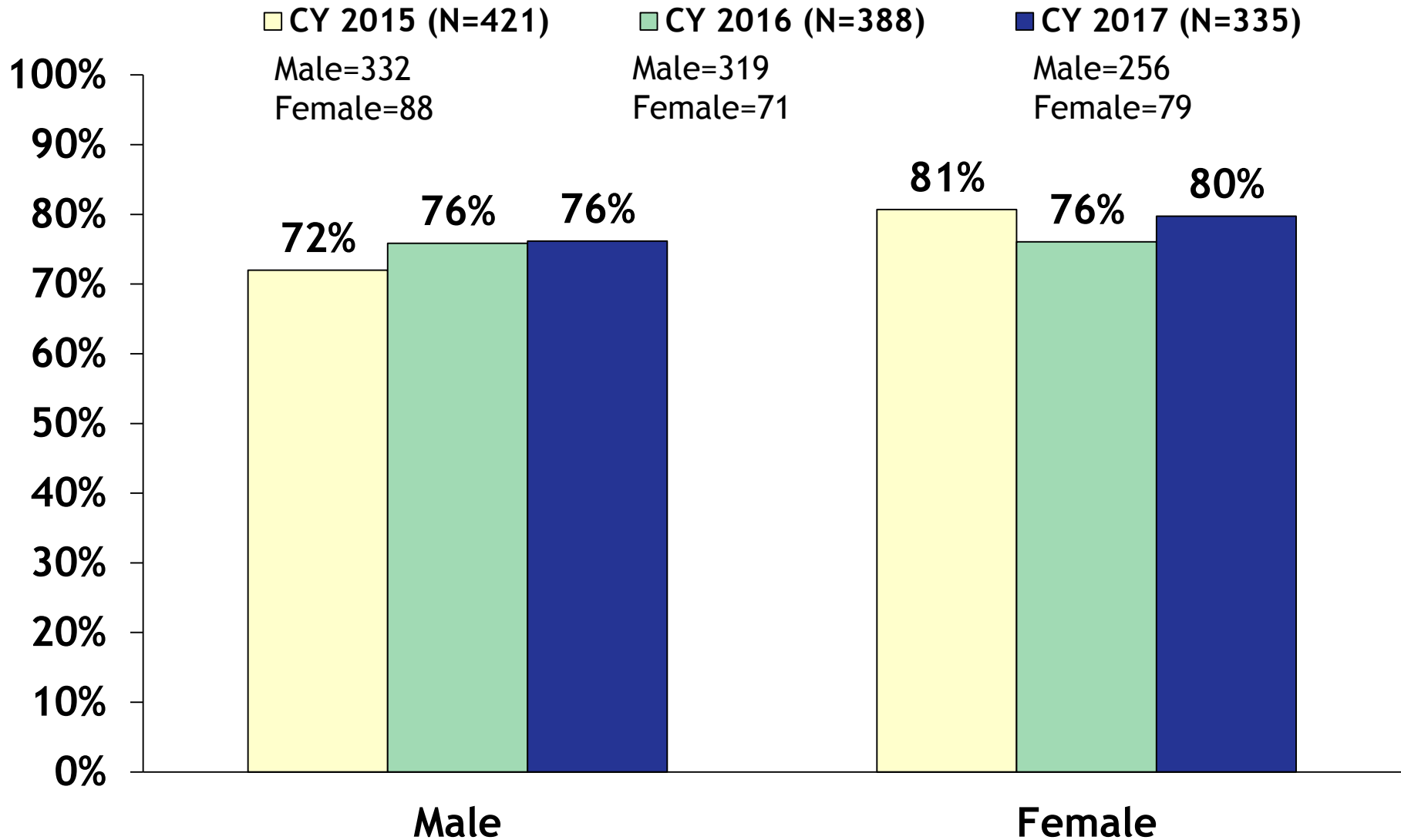
*Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018*

# Viral Suppression in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

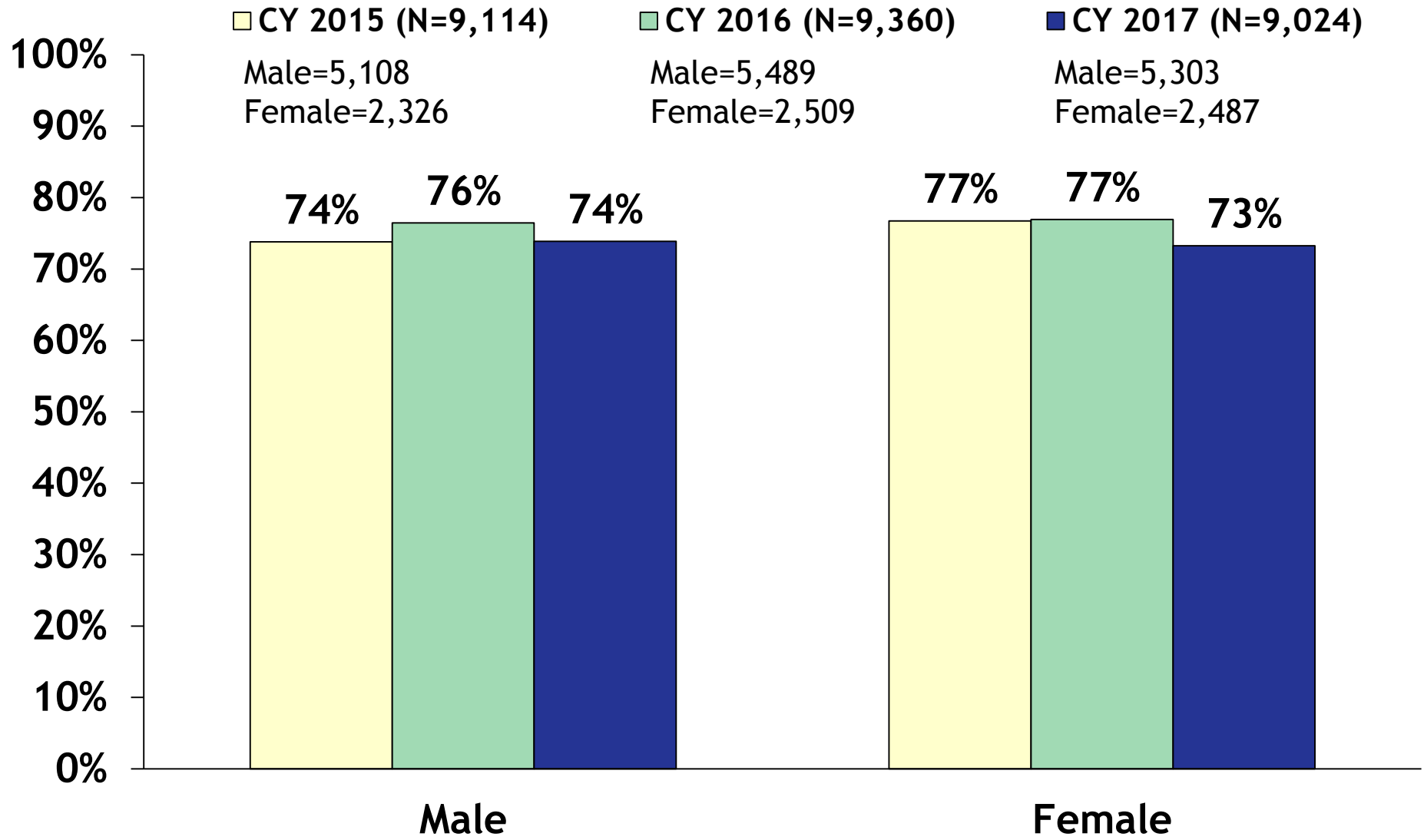
# Linkage by Gender in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

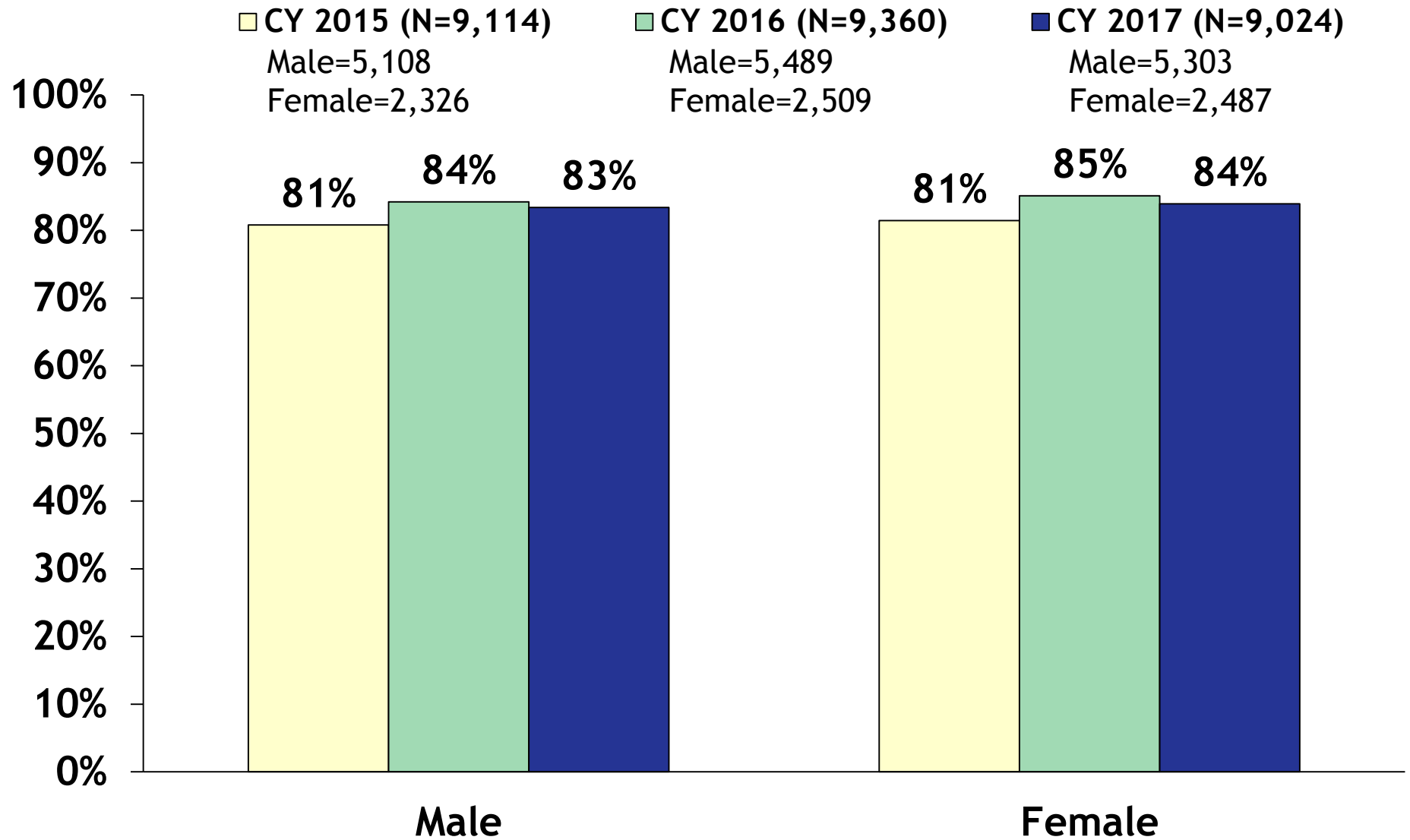


# Retention by Gender in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Viral Suppression by Gender in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Linkage by Race/Ethnicity in Virginia Ryan White Population, CY 2015 - CY 2017

■ CY 2015 (N=421)

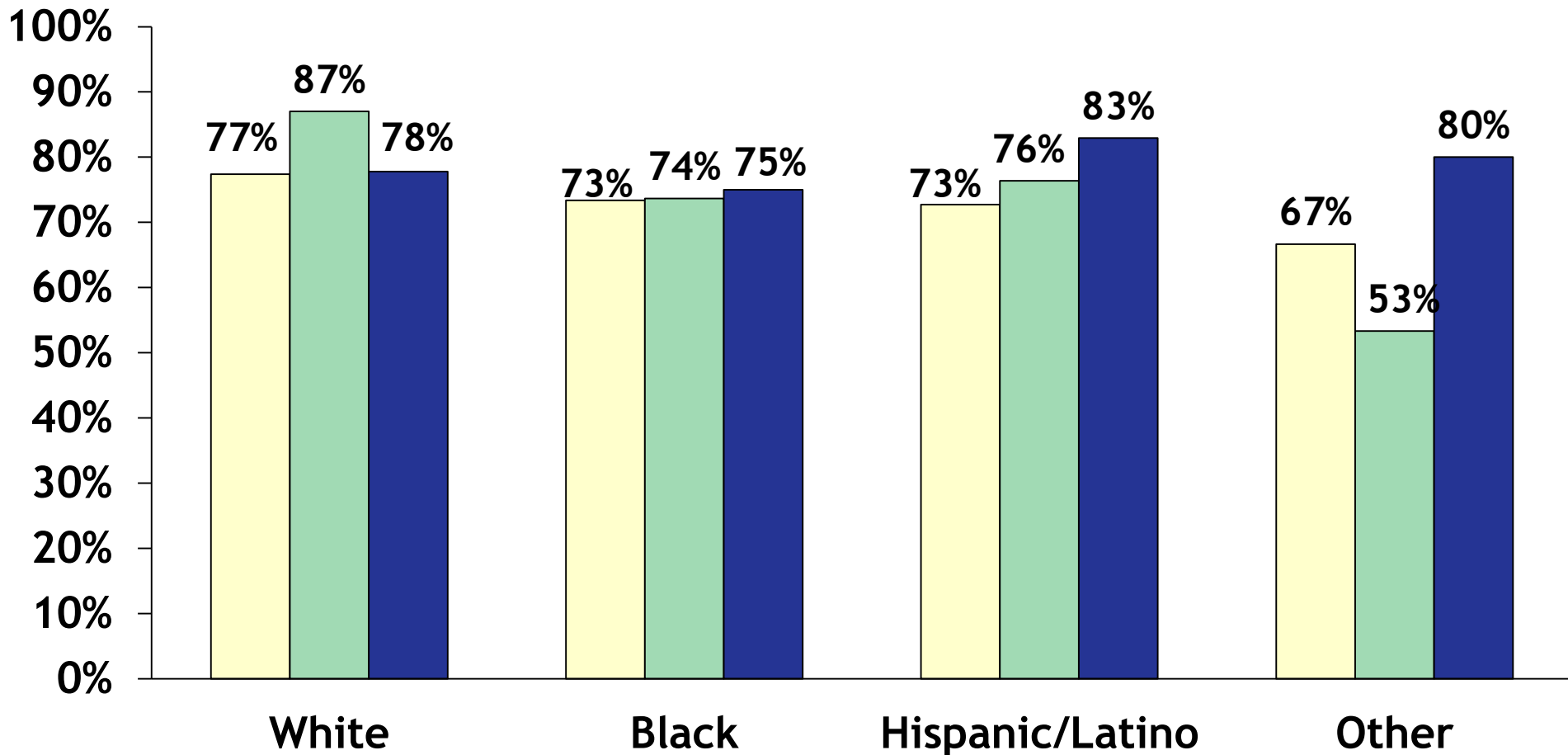
White=84  
Black=275  
Hispanic/Latino=44  
Other=18

■ CY 2016 (N=388)

White=77  
Black=243  
Hispanic/Latino=15  
Other=20

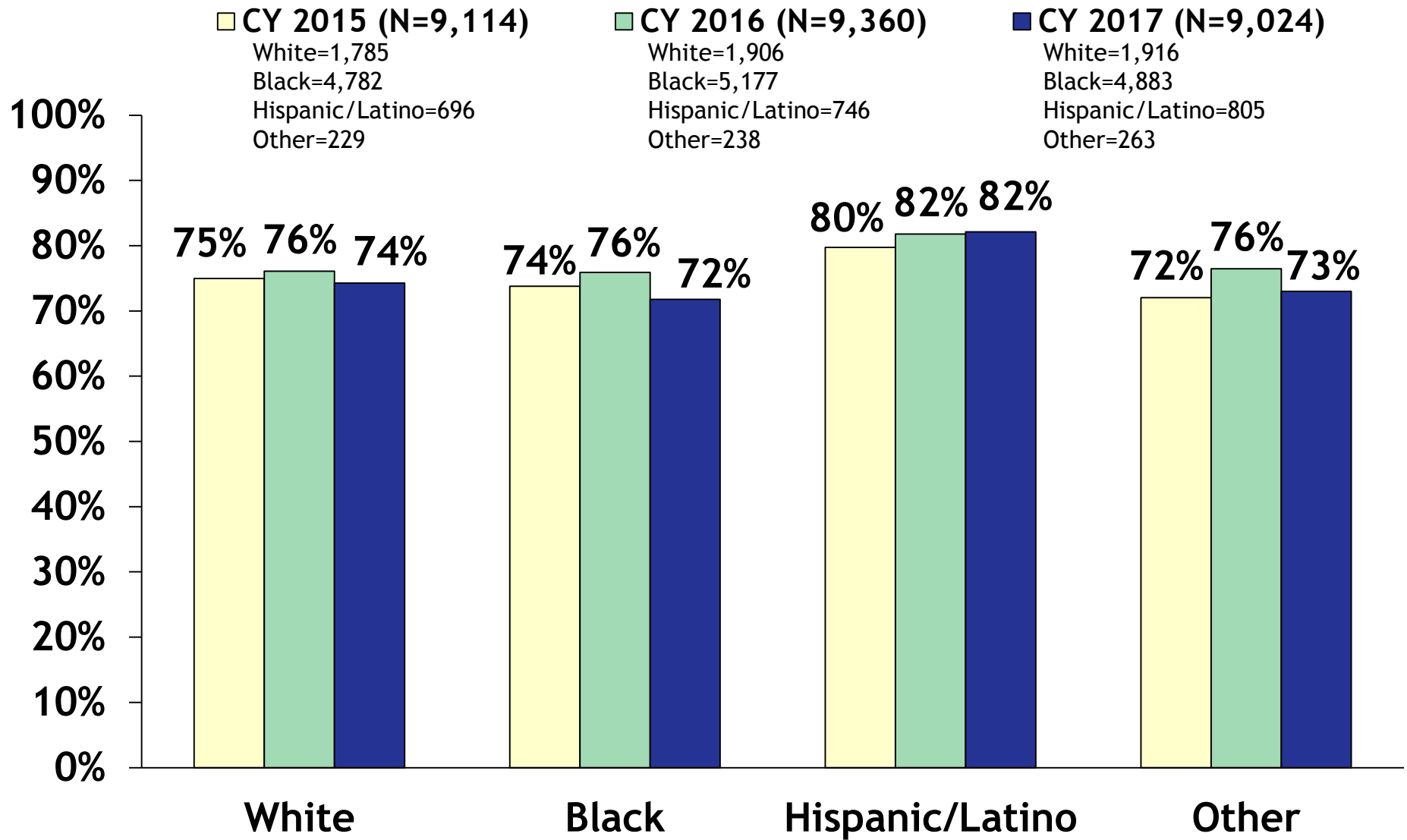
■ CY 2017 (N=335)

White=90  
Black=184  
Hispanic/Latino=41  
Other=20



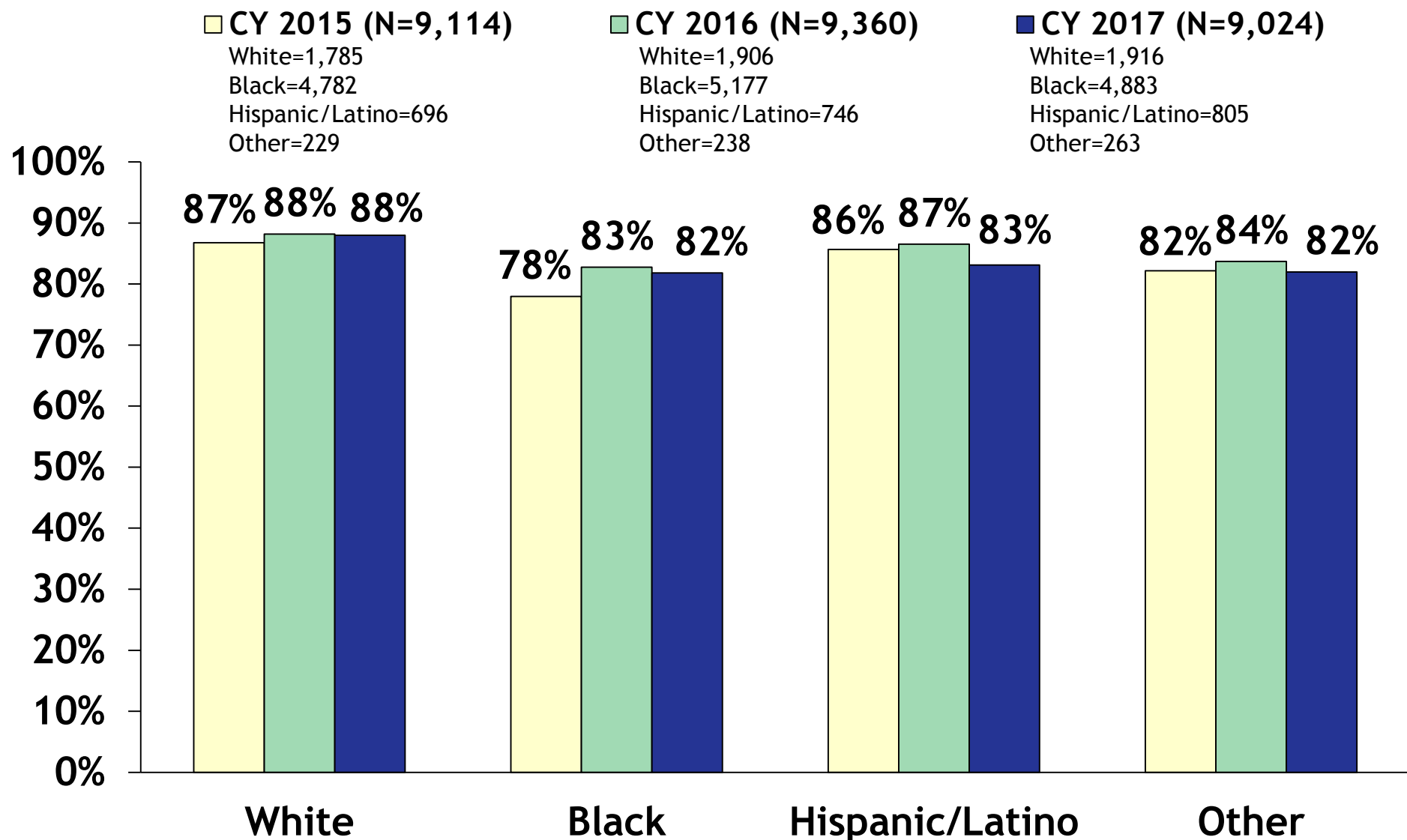
Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Retention by Race/Ethnicity in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Viral Suppression by Race/Ethnicity in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Linkage by Health Region in Virginia Ryan White Population, CY 2015 - CY 2017

■ CY 2015 (N=421)

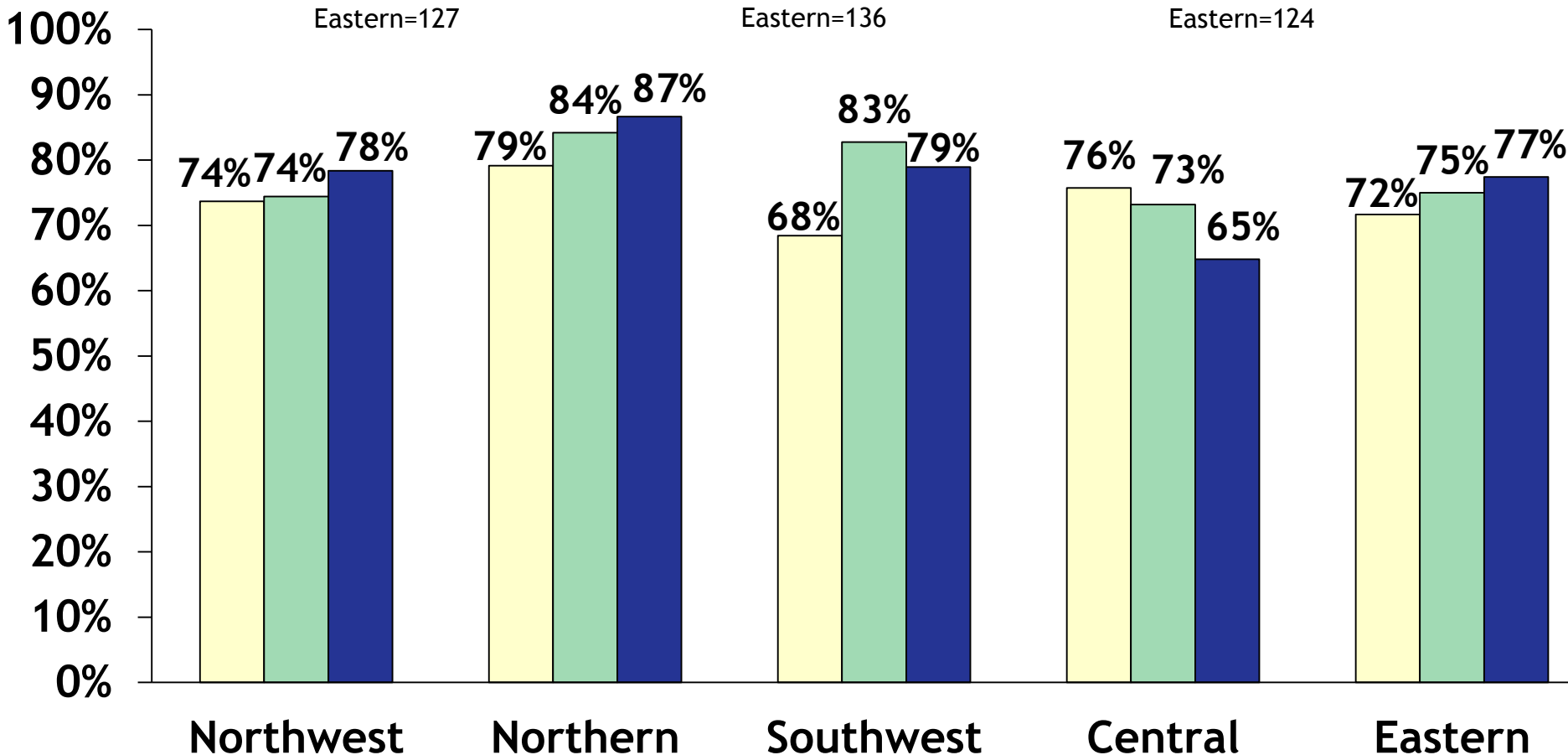
Northwest=76  
Northern=48  
Southwest=38  
Central=132  
Eastern=127

■ CY 2016 (N=388)

Northwest=90  
Northern=38  
Southwest=29  
Central=97  
Eastern=136

■ CY 2017 (N=335)

Northwest=74  
Northern=45  
Southwest=38  
Central=54  
Eastern=124



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Retention by Health Region in Virginia Ryan White Population, CY 2015 - CY 2017

■ CY 2015 (N=9,114)

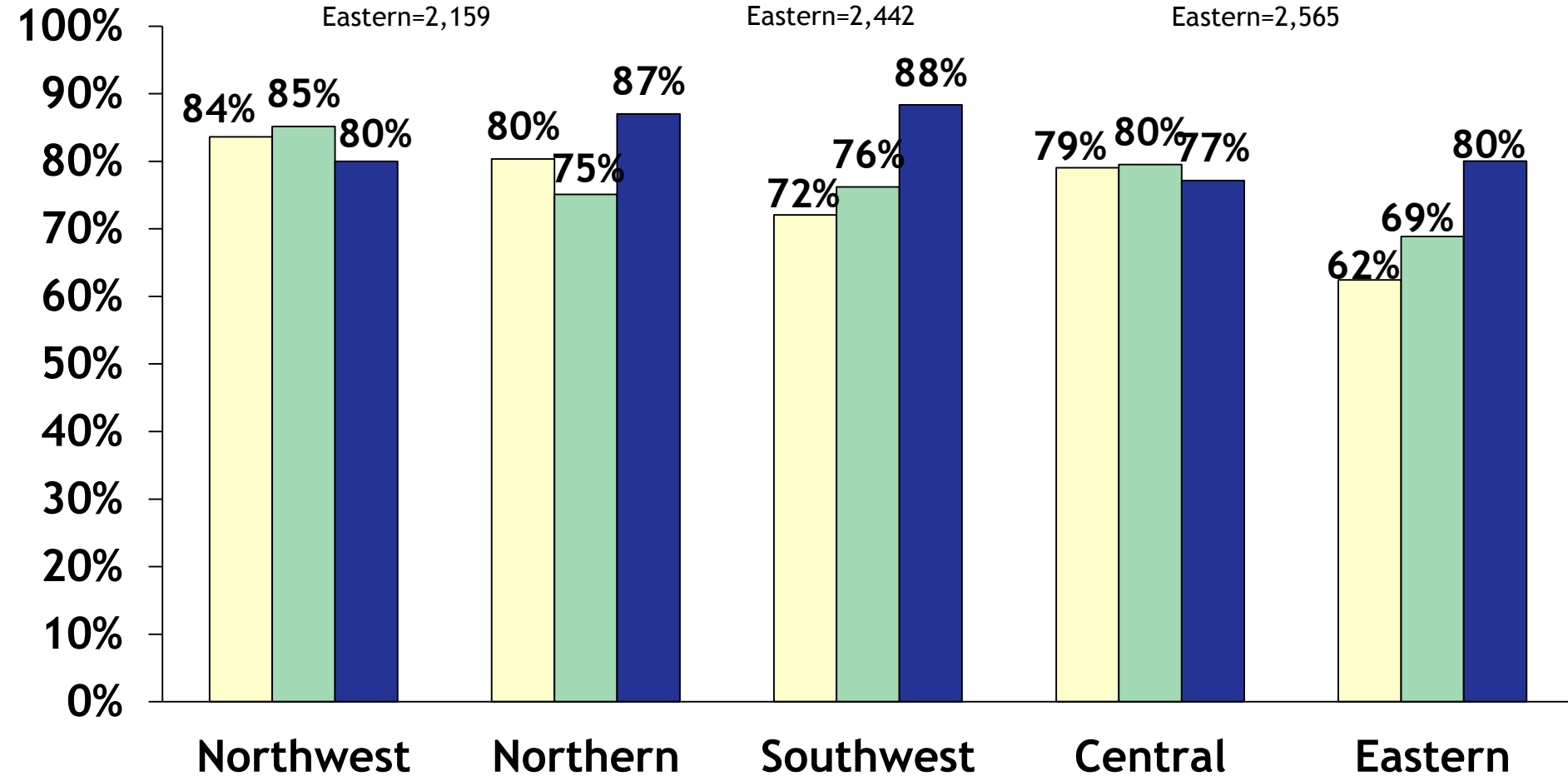
Northwest=1,556  
Northern=790  
Southwest=916  
Central=1,877  
Eastern=2,159

■ CY 2016 (N=9,360)

Northwest=1,656  
Northern=784  
Southwest=1,004  
Central=1,925  
Eastern=2,442

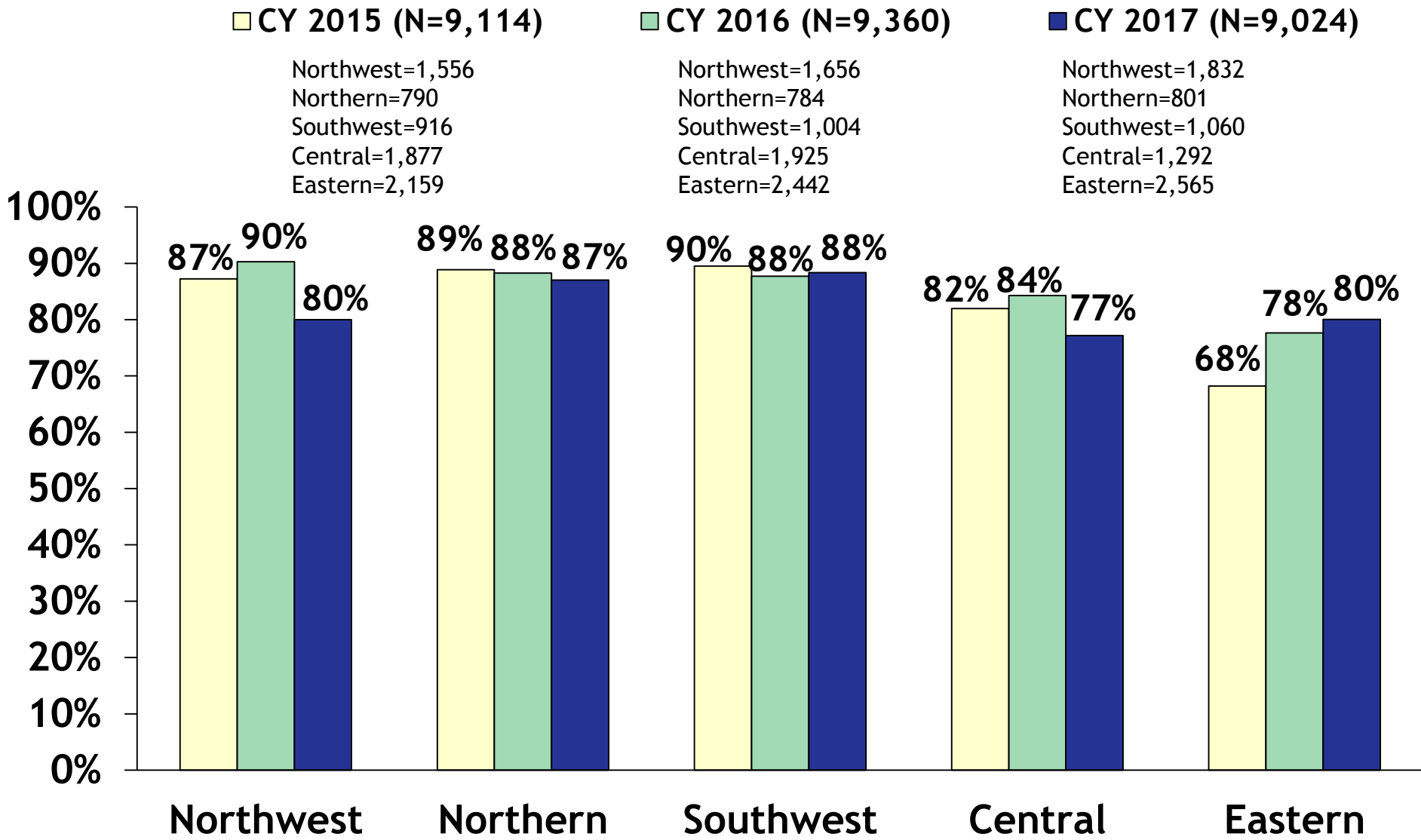
■ CY 2017 (N=9,024)

Northwest=1,832  
Northern=801  
Southwest=1,060  
Central=1,292  
Eastern=2,565



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018

# Viral Suppression by Region in Virginia Ryan White Population, CY 2015 - CY 2017



Data reported to Virginia Department of Health as of December 31<sup>st</sup>, 2018 and accessed February 1<sup>st</sup>, 2018



# Summary of Cross-Parts Measures

- Over time, measures for linkage to care within 30 days and viral suppression are increasing
  - Rates of viral suppression for many demographic groups have already reached or surpassed 80%
- Overall, retention has maintained similar rates from 2015 to 2017
  - Retention efforts targeted towards younger clients, Black, non-Hispanic clients, and/or clients living in the Central and Eastern health regions may improve measures
- Disparities among race/ethnicity, gender and age showing greater improvement than that of national estimates, reflecting success of Ryan White program efforts

# Questions?

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